Object detection

Automatic labeling and dataset construction.

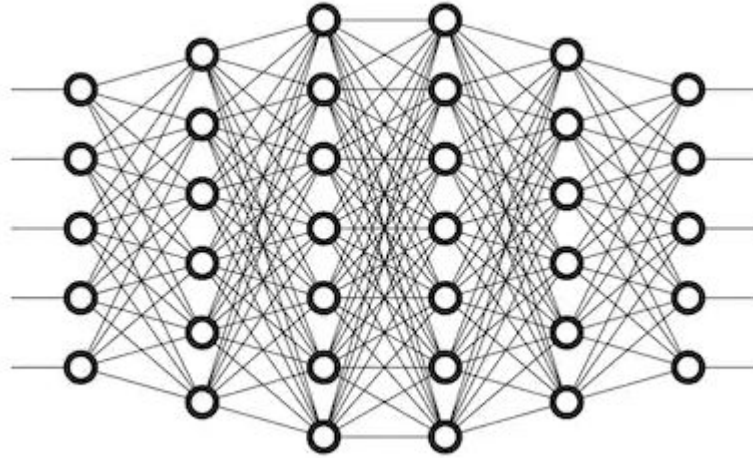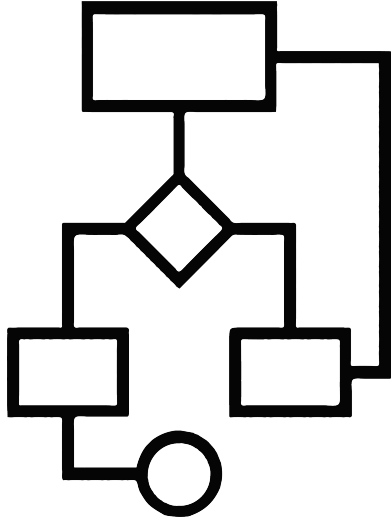Filip Popa

Oct 23, 2019

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Overview

➔   Object detection - what how and why

➔   Dataset generation

➔   Dataset formatting

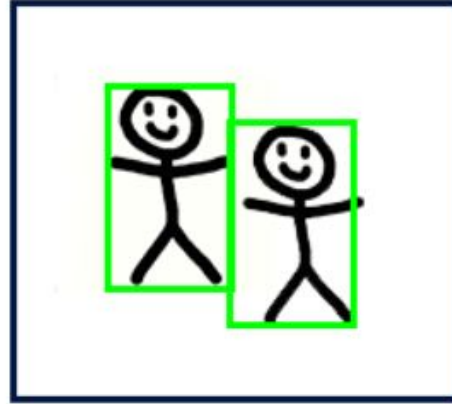➔   Training

➔   Exporting

➔   Inference

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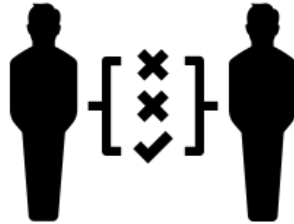# CV algorithms VS Machine learning
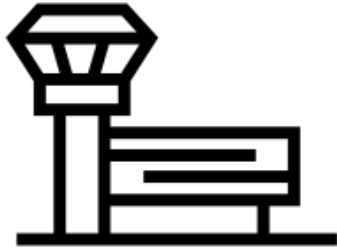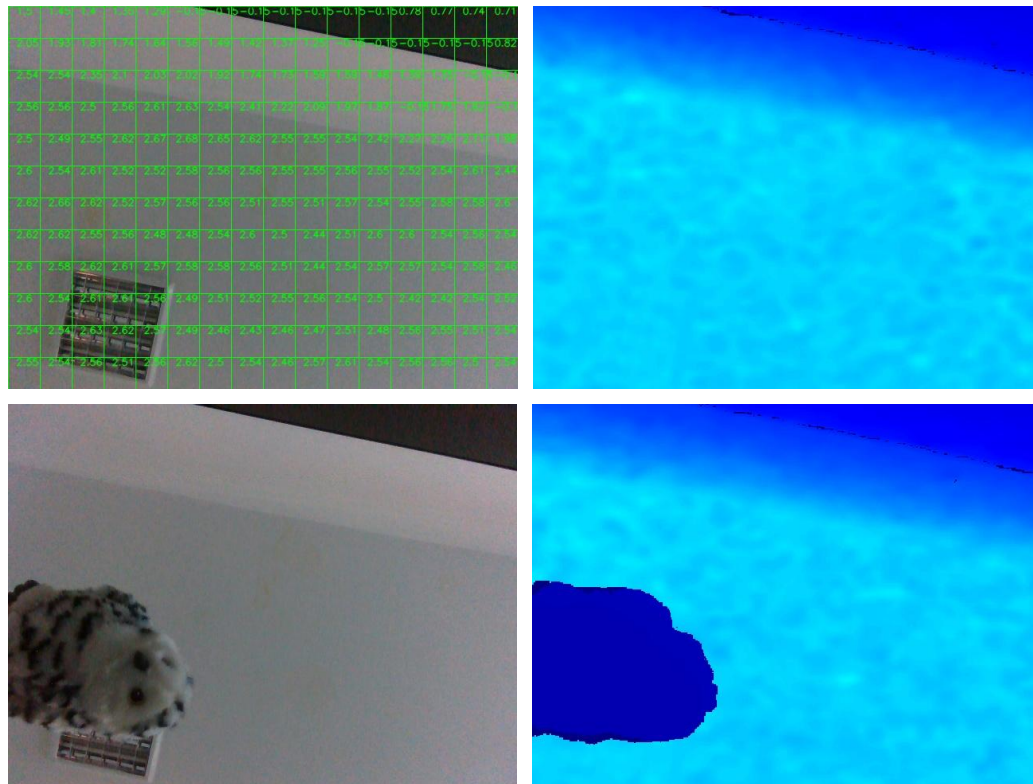
Classification VS Object Detection
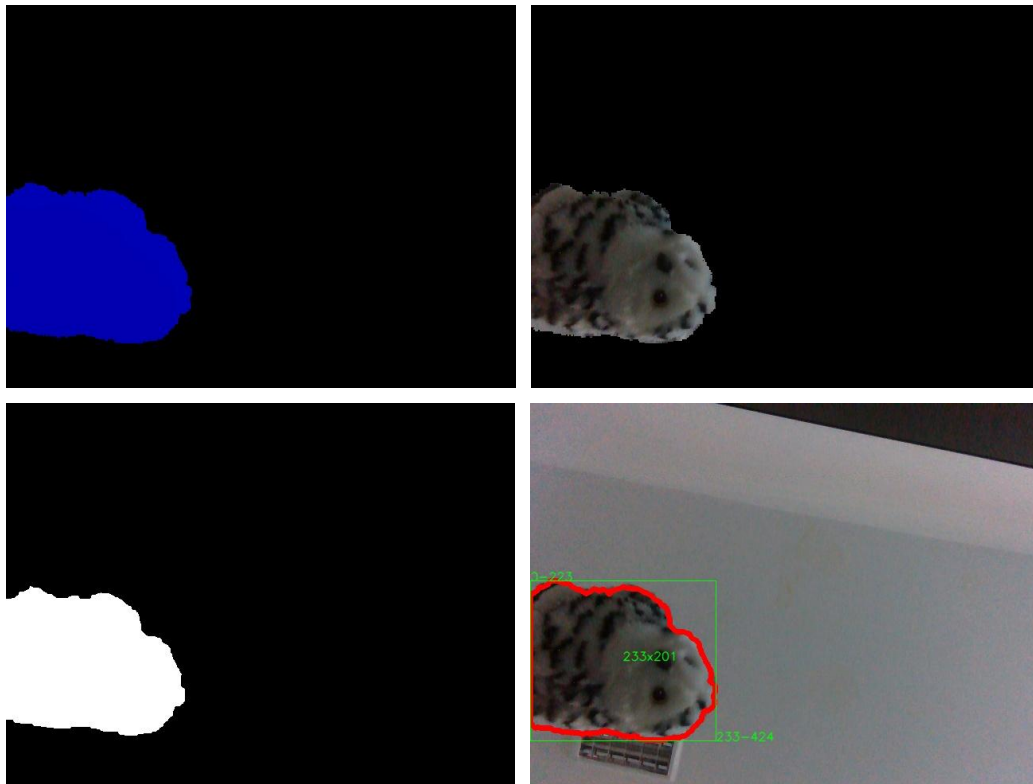
Dog
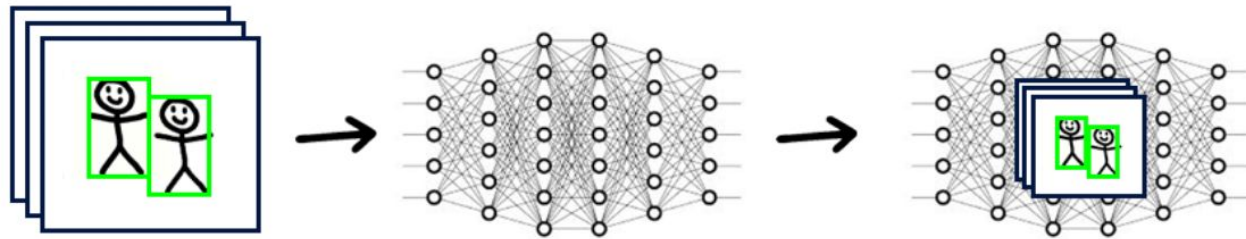
2 Humans

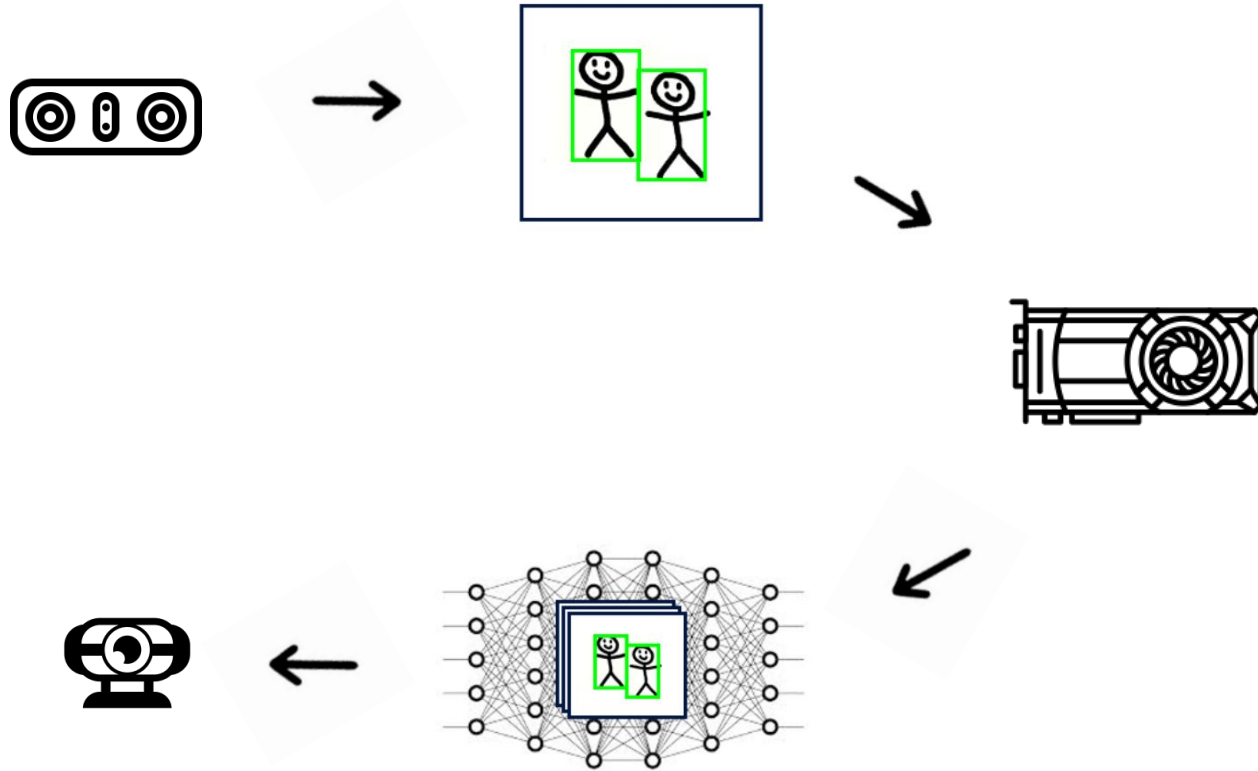# Real time data-driven decisions
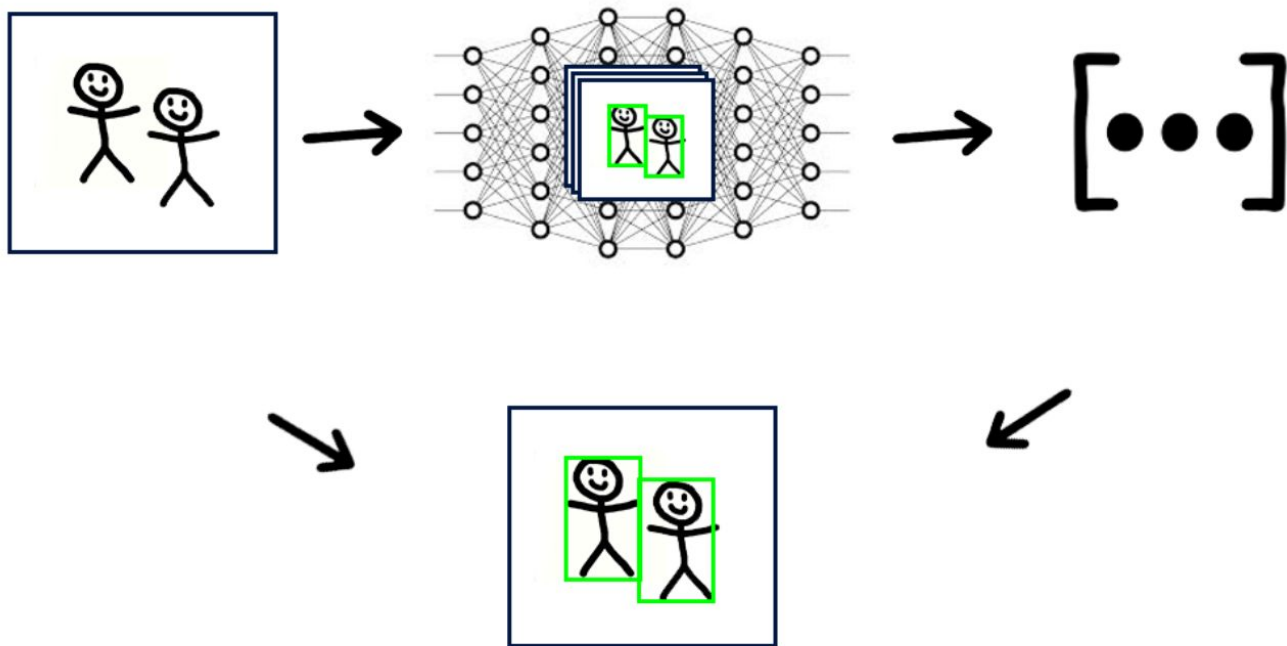
Dataset labeling.

Behind the scenes
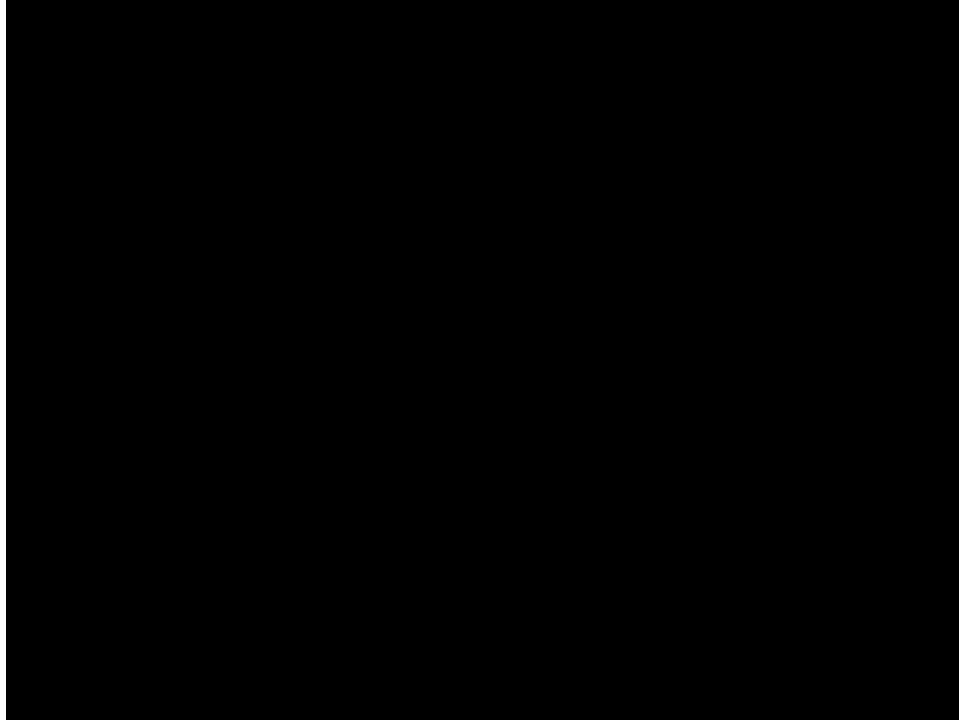
Behind the scenes

Training

Process

Inference

Results

Remember?

➔ Object detection - what how and why

➔ Dataset generation

➔ Dataset formatting

➔ Training

➔ Exporting

➔ Inference

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Thank You!

filip.popa@airportlabs.com

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